

Converting Colors

XYZ(77.7708, 79.5506, 75.6260)

Have a look what the booklet for
XYZ(77.7708, 79.5506, 75.6260)
contains.

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Color

**XYZ(77.7409, 79.4373,
75.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3D7
RGB	246, 227, 215
RGB Percent	96%, 89%, 84%
CMY	0.0353, 0.1098, 0.1569
CMYK	0.00, 0.08, 0.13, 0.04
HSL	23°, 63%, 90%
HSV	23°, 13%, 96%
XYZ	77.7409, 79.4373, 75.5255
YIQ	231.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

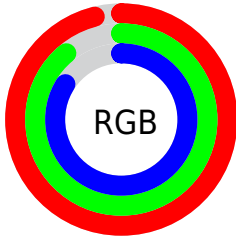
Format	Color
R_{YB}	246, 235, 215
Decimal	16180183
CIE Lab	91.43, 4.53, 8.19
CIE LCh	91, 9.356, 61.035
Yxy	79.4373, 0.3341, 0.3414
Android (android.graphics.Color)	4294370263 (0xFFFF6E3D7)
YUV	231.3130, -8.0423, 12.8805
Hunter-Lab	89.1276, -0.2780, 12.1478

Details

The XYZ color **77.7409, 79.4373, 75.5255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.0815, 79.9450, 98.7161**, and the grayscale version is **76.2407, 80.2112, 87.3500**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3329, 42.9903, 39.3245** is the 20% darker color. If you saturate the color by 10%, you get **70.8711, 70.3813, 58.7952**, and if you desaturate by 10%, it is **85.4514, 89.4125, 94.8828**.

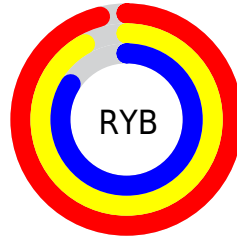
Distribution



Red (96%)

Green (89%)

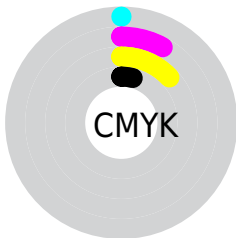
Blue (84%)



Red (96%)

Yellow (92%)

Blue (84%)

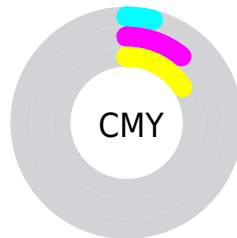


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (4%)



Cyan (4%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7409, 79.4373, 75.5255 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 77.7409, 79.4373, 75.5255 by changing the saturation by 10% instead.

77.7409, 79.4373,
75.5255

77.7409, 79.4373,
75.5255

476.1397,
493.0345, 499.0254

58.1632, 59.2554,
55.5392

129.1521,
132.5743, 128.8099

42.1836, 42.8188,
39.4321

161.7163,
166.2982, 162.9450

29.4368, 29.7429,
26.7856

199.3401,
205.3050, 202.6335

19.5575, 19.6436,
17.1813

242.3888,
249.9789, 248.2939

12.1802, 12.1362,
10.2005

291.2277,
300.7044, 300.3448

6.9396, 6.8365,
5.4247

346.2223,

3.4703, 3.3601,

357.8659, 359.2046

2.4355

407.7379,
421.8478, 425.2920

■ 1.4071, 1.3225,
0.8057

■ 0.2613, 0.1585,
0.0000

■ 77.7409, 79.4373,
75.5255

■ 77.7409, 79.4373,
75.5255

■ 70.8711, 70.3813,
58.7952

■ 85.4514, 89.4125,
94.8828

■ 64.8052, 62.2070,
44.5725

■ 91.8164, 98.3330,
108.7487

■ 59.5129, 54.8897,
32.7360

■ 54.9596, 48.3994,
23.1523

■ 51.1075, 42.7043,
15.6746

■ 47.9152, 37.7702,
10.1385

■ 45.3357, 33.5597,
6.3546

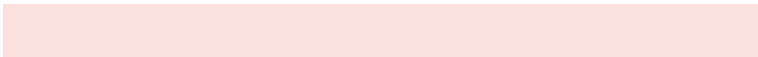
■ 43.3141, 30.0311,
4.0946

■ 42.1223, 27.8247,
3.1506

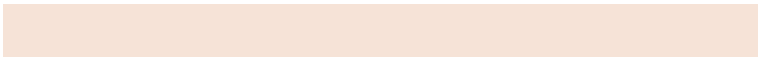
Harmonies

Analogous

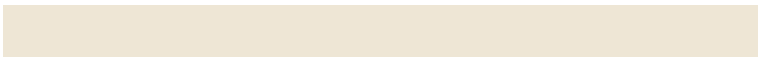
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4926, 79.4373, 79.9107



77.7409, 79.4373, 75.5255



75.4202, 79.4373, 74.0395

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7409, 79.4373, 75.5255



71.0187, 79.4373, 86.7306



77.8869, 79.4373, 98.2177

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



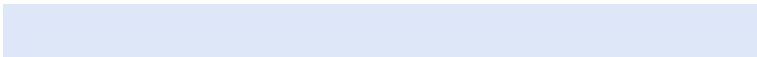
77.7409, 79.4373, 75.5255



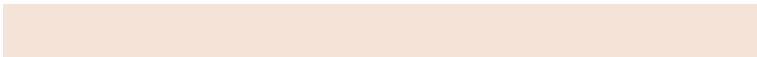
74.0815, 79.9450, 98.7161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5854, 79.4373, 100.2717



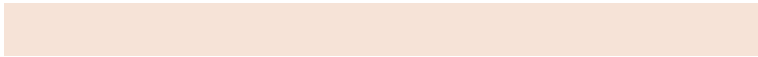
77.7409, 79.4373, 75.5255



71.6488, 79.4373, 93.4286

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7409, 79.4373, 75.5255



71.5690, 79.4373, 80.3002



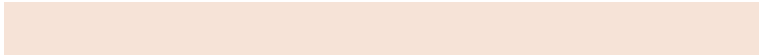
73.3080, 79.4373, 98.4755



79.5781, 79.4373, 92.9978

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7409, 79.4373, 75.5255



73.8720, 79.4373, 74.8277



73.3080, 79.4373, 98.4755



77.1574, 79.4373, 99.3132

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.7431, 79.4408, 75.5272



91.4893, 95.4372, 99.8254



77.1755, 74.1420, 88.1741



19.4428, 20.2477, 21.0128



0.0000, 0.0000, 0.0000



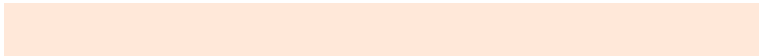
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7431, 79.4408, 75.5272



82.4653, 83.7237, 77.2892



82.1391, 88.2328, 76.9925



17.0253, 17.5347, 17.2848



22.6090, 15.1036, 1.7237



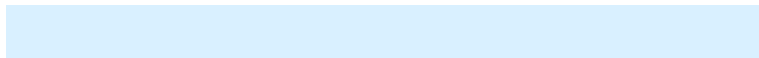
2.0837, 1.5206, 0.1837

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



74.0815, 79.9450, 98.7161



77.8065, 84.3644, 106.7909



69.8916, 71.5653, 97.3195



16.4265, 17.6173, 21.0773



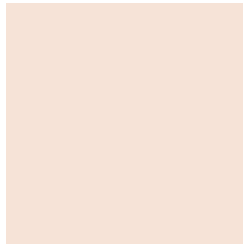
14.9035, 15.6009, 48.7638



1.4094, 1.5702, 4.3190

Previews

White Background



This preview shows how the XYZ color 77.7409, 79.4373, 75.5255 looks on a white background.

Color Contrast Check

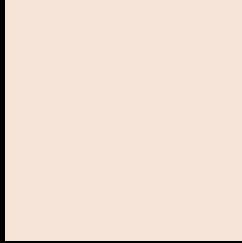
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 77.7409, 79.4373, 75.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7409, 79.4373, 75.5255

Background



This preview shows how black text looks on a background with the XYZ color 77.7409, 79.4373, 75.5255.



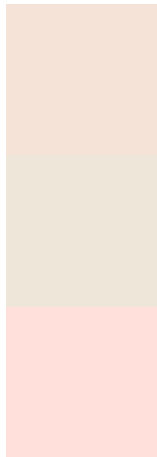
This preview shows how white text looks on a background with the XYZ color 77.7409, 79.4373,

75.5255.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.7409, 79.4373, 75.5255

Protanopia

75.9514, 79.7286, 76.3518

Deuteranopia

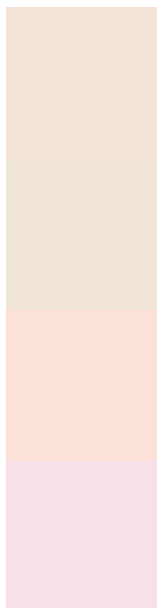
80.5505, 79.6333, 77.4550



Tritanopia

81.3318, 79.2660, 94.2323

Trichromacy



Original Color

77.7409, 79.4373, 75.5255

Protanomaly

76.6896, 79.6973, 76.3069

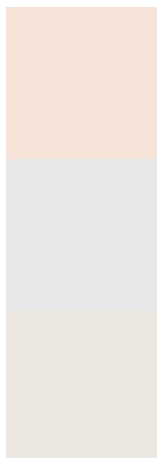
Deuteranomaly

79.5945, 79.5556, 76.8063

Tritanomaly

79.9325, 79.0940, 87.3977

Monochromacy



Original Color

77.7409, 79.4373, 75.5255

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4795, 79.8627, 82.6183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7409, 79.4373, 75.5255 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(246, 227, 215) looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 215) }
```

Border

The CSS property to change the border of an element to XYZ 77.7409, 79.4373, 75.5255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 227, 215) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(246, 227, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(246, 227, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7409, 79.4373, 75.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
227, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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